

Refrigeration Group Has Important Job

One of the most important jobs in Y-12 — the maintenance of equipment required to keep buildings and machines at stated constant temperatures—falls to one of the smallest groups in the Maintenance Division of the plant. It is the Refrigeration Maintenance Group of the Field Maintenance Department and is staffed by a foreman and only five employees.

This maintenance group keeps in repair all types of air conditioning equipment throughout the Y-12 Plant—and also the water coolers and household type refrigerators in various buildings. The air conditioners range in size from one-half ton capacity units to giants of 1,300 ton capacity. Incidentally, the description of the capacity of an air conditioner is the machine's ability to melt the same number of tons of ice in 24 hours as the capacity listed for the equipment.

The importance of air conditioning is reflected in use in many parts of the plant where close tolerances in temperatures is required. In some instances a year around temperature is required that should not vary more than a fraction of a degree and when variance of two or three degrees might cause serious consequences.

Throughout the plant are 319 air conditioning units in addition to the 230 water coolers and household refrigerators that are maintained by the Refrigeration Maintenance Group. Most of the air conditioners operate to maintain temperatures from 20 to 40 degrees, Fahrenheit.

Foreman B. F. Nicley is the senior of the Refrigeration Maintenance Group from the standpoint of Company Service, having come to work in Y-12 back on September 21, 1943. R. E. Mellon is next in line, having been a Y-12er since January 5, 1944. The other members of the group and their employment dates are H. A. Garrett, June 29, 1949; G. G. Wilson, October 1, 1952; Don L. Patterson, February 8, 1954; and R. L. Adkins, January 25, 1955.

The group works on a straight day schedule, but any member is subject to call in case of an emergency requiring prompt repair work. Fortunately, according to

UCC To Play Leading Role At "Atoms For Peace" Meeting

Geneva, Switzerland, will be the atomic capital of the world in mid-August when nuclear scientists gather there to attend the International Conference on Peaceful Uses of Atomic Energy. The conference, sponsored by the United Nations, was suggested in 1953 by President Eisenhower. Scientists from many countries all over the

world will take part in this historic event. Scientific papers on many aspects of atomic energy will be presented before the delegates, and exhibits will graphically illustrate mankind's progress in the nuclear sciences.

U. S. Presents Exhibit

Perhaps the most striking exhibit will be sponsored by the United States. Here, for the first time, the public will be allowed to view a full-scale, operating atomic reactor. This reactor, of the pool type, was designed and built, and will be operated, by the Oak Ridge National Laboratory, which Union Carbide runs for the U. S. Atomic Energy Commission.

A pool-type reactor is so called because it operates in a large container of purified water, in this case a cylindrical steel tank 10 ft. in diameter and 22 ft. deep. The water acts as a shield against radiation, and as a moderator to slow down neutrons given out by the uranium fuel, thus aiding in developing the chain reaction.

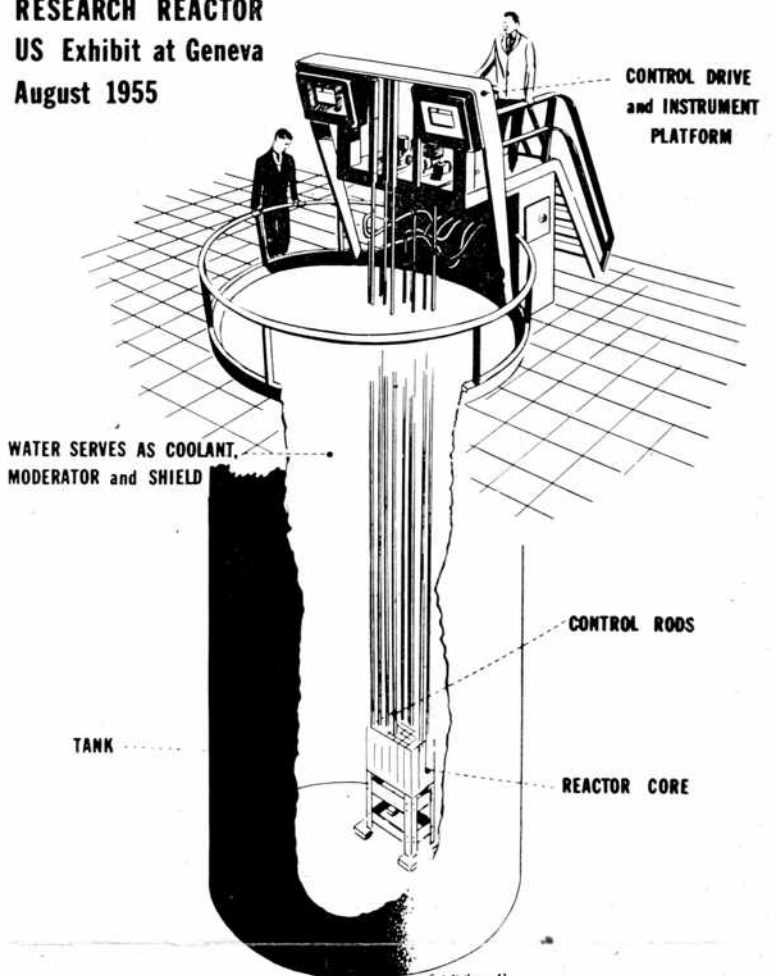
The reactor is not designed to produce power but can be used for many research and educational purposes. The manufacture of radioisotopes—those unusual variations of the elements which have been found so useful in medicine, agriculture, and industry—is also possible in this reactor.

ACS To Hold Picnic This Saturday, July 23

The American Chemical Society will hold its annual picnic this Saturday, July 23, at 5:00 p.m. at Big Ridge State Park. There will be all types of recreation for the children as well as the adults.

The affair will be a pot luck supper with members bringing their main dish, salad and dessert sufficient for the family and one extra person. Single people without cooking facilities may bring potato chips or pickles. Everyone is to bring their own plates and eating utensils. The ACS will furnish soft drinks and ice cream.

RESEARCH REACTOR US Exhibit at Geneva August 1955



HERE IS A CUTAWAY DIAGRAM OF THE "SWIMMING-POOL" REACTOR, one of the most interesting features of the United States exhibits at the Geneva Conference.

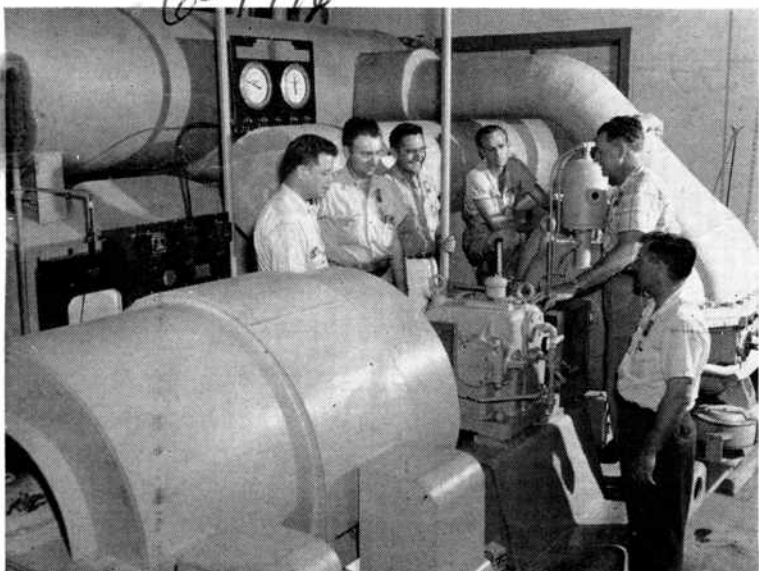
NSA Group Observe Third Anniversary

The Oak Ridge Chapter of the National Secretaries Association celebrated its third birthday on July 11 at the regular monthly business meeting at the home of Mrs. William T. Burnett, Jr., 112 Euclid Circle in Oak Ridge.

Present membership in the chapter includes 38 secretaries from Oak Ridge, Knoxville, Lenoir City, Kingston and Rockwood, and four members who are out of state.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
27 Days Or
941,220 Hours
(Unofficial Estimate)
Without A Lost Time Accident
Through July 17



THE FIVE-MAN AND FOREMAN REFRIGERATION MAINTENANCE group of the Field Maintenance Department is shown above looking over a 450-ton capacity air conditioner used to maintain a constant temperature in a Y-12 building. From left are G. G. Wilson, Don L. Patterson, R. E. Mellon, R. L. Adkins, H. A. Garrett and Foreman B. F. Nicley.

The reactor will be housed in a special building on the grounds of the Palais des Nations where thousands of delegates will take part in assemblies and scientific discussions at the conference.

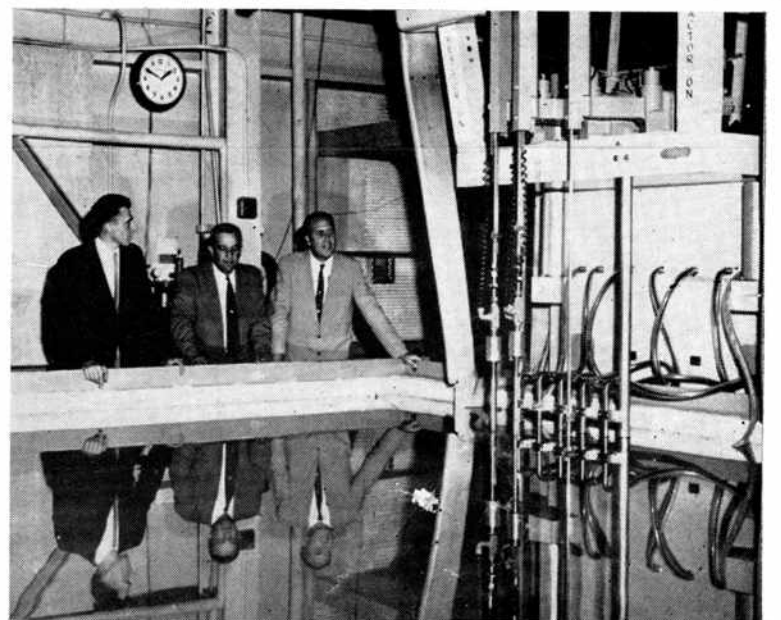
The reactor was airlifted June 30 from Knoxville, Tennessee, in two U. S. Government aircraft. The planes, a C-124 and C-54 supplied by the Military Air Transport Service, were expected to arrive in Geneva July 1 with their 15 tons of reactor components. The framework for the reactor was dispatched earlier by ship.

Union Carbide will also be represented in the industrial exhibits located in the Palais des Exhibitions in Geneva. The Corporation, with its European affiliate, Union Carbide Europa, S.A., will show, by means of a series of graphic displays, how its Divisions and Units contribute to the atomic program, in almost every aspect, from ore to end use. Among these contributions are: uranium concentrates supplied to the A.E.C. by United States Vanadium Company from its mines and mill in western Colorado; super high-purity graphite and carbon furnished by National Carbon; special metals such as zirconium and titanium, as well as stainless steels and high-temperature, corrosion-resistant alloys made by Electromet and Haynes Stellite; plastics developed by Bakelite, including the fluorocarbon plastics which have great use in the atomic energy program; nitrogen, argon, and other industrial gases furnished to atomic energy installations by Linde; and finally the chemicals, widely used in the processing operations as well as in the production and refinement of uranium and other atomic materials.

Scientific Leaders Offer Papers

Leaders of the scientific world have offered over 1,000 different

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THE UCC MEN BEHIND THE REACTOR FOR "ATOMS FOR PEACE" observe the reactor tests in progress. Left to right, Dr. C. E. Winters, (leader of the reactor project), Assistant Research Director of the Oak Ridge National Laboratory; C. E. Center, Vice-President of Carbide and Carbon Chemicals Company, who heads UCC's atomic activities at Oak Ridge and Paducah; and Dr. Clarence E. Larson, Director of the Oak Ridge National Laboratory. (Another picture on back page).

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Y-12 Employees Pick Awards

Safety award selection cards of eligible Carbide employees in the Y-12 Plant Area started rolling into the Y-12 Safety Department offices last week. Approximately 6,000 Carbide employees must complete their selection by Friday of this week, July 22.

Each eligible person is to select one item from the 11 articles which are on display at the East, North, Central, West and Bear Creek entrances to the plant. Everyone is urged to designate the correct portal where the awards will be picked up.

A new method of selection was used in determining the 11 articles which are on display at the various portals. A poll was conducted by the Safety Department of all eligible employees and 1,120 people responded to the new method of selection. Every eligible employee in the Y-12 Plant Area had an opportunity to voice an opinion on the 32 articles from which the 11 was chosen.

The awards are for the 15th Carbide Safety Period of more than 1,500,000 man-hours of plant operations established in the Y-12 Plant Area extending from March 12 through May 8 inclusive, when 2,034,575 hours of work were performed without a disabling injury. The period without a lost time accident was 58 days.



Get-well wishes were sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Ann Strunk and B. R. German, Colex Operations; H. L. Spurgeon, Transportation; Robert D. Smith, Stores; Joseph E. Morgan, Guard; Will R. Kelly, Planning and Estimating; M. D. Story, Electrical Maintenance; Cleveland Cannon, Janitors; W. C. Gordon, B Mechanical Operations; V. W. Arms, Research Services; W. H. Hutcheson, E Mechanical Operations.



INDUSTRIAL RELATIONS

Laurene Holcomb, Safety, is off to Florida for a couple of weeks. Mary Napier, Medical, was off on vacation last week.

George McPherson, Guard Department, is a Floridian for a couple of weeks. P. C. Dabbs is visiting around Kitty Hawk and Nags Head (that's a new one on me), North Carolina. Get well wishes to Ann Strunk who is in the Oak Ridge Hospital. L. A. Litton is in New Orleans.

Ann Thomas and Otis Rackley, of Security, were on vacation last week.

Freda Hall, of the Cafeteria, was on the ailing list last week at her home in Rockwood.

Florida beckoned Emmett Moore and J. E. Warren of the Fire Department.

TECHNICAL

Barbara Williams, Project Design, was on vacation last week at her home in Knoxville spending most of her time on the lake.

Bill Hackett, Development Operations, is vacationing this week—whereabouts not known.

Special Testing says J. F. Morehead is limping around these days. Fell while jumping the rope with his little boy. C. M. Knowles was on vacation last week.

Jean Finney, Production Analysis, is contesting in the Miss Oak Ridge shindig. Marie Dinsmore is welcomed back after being ill.

Sympathy is extended to Ann Fleenor, whose step-father died last week.

Peggy Hardin, Mechanical Engineering, is vacationing in Florida and Oak Ridge. Tom Long is in South Carolina.

G. C. Guerrant, Instrument Engineering, has transferred to the Oak Ridge National Laboratory. E. E. Dunn is vacationing in the great state of Texas.

Health Physics reports that C. M. West and wife are in Alabama and Georgia on vacation. Geneva Gracey is off for Washington, D. C. A. C. Smith also is on vacation.

Vacations take the spotlight in the Mechanical Inspection Department. W. C. Countiss is taking is easy in Big Ridge and Florida. Frances Willie has taken off for Mayfield, Ky., to mother's home cooking. Bert Searles is staying around home in Clinton fixing up the new home and yard. Nell Cromer is going to attend the Tenth Annual Convention of the National Secretaries Association this Saturday, July 23, in dear ole Chattanooga.

CHEMICAL

Richard Mustin, Product Processing, was on vacation last week at Fontana. Lennie Messamore was on vacation last week to Florida.

Several vacationers in the Chemical Department, namely F.

C. Hancock, C. V. Hardin, W. W. Heatherly, C. A. Puckett, B. F. Thomas, J. W. Jackson, E. C. Watson and L. J. Shesky.

MANUFACTURING OFFICE

C. R. Harris, Timekeeping, took it easy at home last week in Kingston. Bill Moles is in Daytona for two weeks.

W. A. Nichols, Property Sales, journeyed to Oklahoma for two weeks. C. E. Jennings vacationed at home. Eulis Wallace is off for a couple of weeks on vacation. John McNelly is at home in Knoxville. H. C. Borum went on vacation last week—destination unknown. George Sloan took two weeks—working on his new house near Heiskell.

W. C. Davis, of Material Engineering, took his family to Daytona Beach on vacation. Dorothy Parker is welcomed back to work after being off because of an automobile accident.

News from Stores is that Maola Conner was in Chicago last week on vacation. Pat Hamrick is on vacation. G. R. Whitaker and E. Duncan are off—both sick and get-well wishes to each of them.

C. L. Coley, Receiving and Shipping, is sent get-well wishes.

Property rolls out the welcome mat to Beverly Valliant from Material Control. Bill Plemons is in Memphis. Clifford Anderson is in Florida this week.

Violet Sanford, Plant Records, and family are in Roanoke, Va., visiting relatives. Peggy Bright and husband are taking in Florida for two weeks. Dot Conner is visiting her mother in Chattanooga.

News around the Mail Room is that Dot Park's daughter got married recently and she also has a list of out of town guests.

Inspection reports Johnny Funk is back to work after illness.

Richard Dew is in Daytona Beach. Jack Williams is at home in Norris. W. H. Till is on vacation. J. B. Newsome is visiting kin folks in Panama City and other parts of Florida. E. A. Powell is in Birmingham, Ala., visiting relatives.

E. B. Moody is in Birmingham, Ala., New Orleans and Monroe, La., on vacation. Huel Craig went to St. Mary's, Mo., seeing kin folks and doing a little fishing. Frank Gragg is on vacation this week in North Carolina doing some trout fishing and taking the boys for a swim in the ocean.

ALLOY

Dave Alford, Beta Two, is on vacation for a couple of weeks in Minnesota. H. E. Alvey is spending some time in St. Louis, Mo. C. A. Slaughter is welcomed back after a two weeks bout with the mumps. G. M. Cox and C. Houser, Jr., are back from a gay vacation in Daytona Beach. J. D. Kile has bought



A GROUP OF A SHIFTERS AND THEIR FAMILIES SEEM TO BE THOROUGHLY enjoying themselves in the refreshing waters of the swimming pool at Cove Lake Park where the big A Shift picnic was held last week.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

William Penn, Project Construction, July 24.

Joe T. Thomas, Field Maintenance, July 25.

Charles O. Poland, Stores, July 25.

Roy Ivery, Buildings and Grounds, July 27.

MECHANICAL OPERATIONS

G. L. Tate, General Machine Shop, was on vacation last week in West Tennessee visiting with friends and kin folks and doing some fishing on Kentucky Lake.

B. T. Pitt is on vacation to Mexico and California. W. B. Tyree is fishing for a couple of weeks off the coast of North Carolina.

Sympathy is extended to B. O. Crump whose father died last week in Charlotte, N. C. Sympathy also goes to S. W. Lindsay whose brother died in Knoxville and to R. E. Lively whose father-in-law passed away recently. The department rolls out the welcome mat to W. H. Buffington, W. D. Turpin, R. E. Heape, H. C. Huston, J. S. Brewer and O. K. Melton.

J. E. Harding, of D Mechanical Operations, and family were in Fontana, N. C., last week. J. L. Brown was on vacation last week in Cincinnati, Ohio. A. R. McConkey, Howard Loveday, A. B. Anderson are all vacationing. D. J. Harris is on the sick list. J. E. French is welcomed back to work, sympathy goes to French in the death of his brother.

News around Mechanical Operations is that R. R. Stokes vacationed in Crestview, Fla. D. N. Bishop is visiting his father in Matton, Ill., and some more kin.

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Daily Sessions Feature O. R. Physics Seminar

The Oak Ridge Physics Seminar is holding a special series of lectures this week. Dr. Anthony M. Lane, who is with the Atomic Energy Research Establishment in Harwell, England, is the featured speaker at each meeting. Each session is scheduled to start at 11:00 a.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory.

The subject for each session beginning today, Wednesday, July 20, follows:

"The Complex Potential Model of Neutron-Nucleus Scattering and Its Quantum Mechanical Interpretations."

Thursday, July 21—"Quantum Mechanical Prediction of the Properties of Neutron-Nucleus Scattering." (Lecture three continued).

The subject for Friday, July 22, is to be announced.

Carbide Wives Club Set Meeting For July 20

The next monthly card party and meeting of the Carbide Wives will be held at 7:30 o'clock tonight, Wednesday, July 20, in the East Lounge of the Ridge Recreation Hall. Bridge and canasta will be played at the party.

Mrs. R. A. Hamrick is the executive board member in charge of the party tonight. She will be assisted by Mrs. J. E. Longendorfer, Mrs. R. W. Jackson, Mrs. Virginia C. Malone and Mrs. J. M. Smith.

All wives of Carbide personnel as well as the female employees of the company are invited to attend each meeting of the club.

ENTREES FOR CAFETERIA SPECIAL LUNCHES JULY 21, 26, GIVEN

Chopped sirloin steak with mushroom sauce will be the entree for the 50-cent Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, July 21. On next Tuesday, July 26, ham loaf with pineapple sauce will be featured as the main dish. Each lunch includes a vegetable, choice of salad or dessert and rolls and butter.



THE FOOD WAS FINE AND PLENTIFUL AT THE A SHIFT PICNIC AT Cove Lake Park last week. Several A Shift employees with their families and guests are shown above getting ready to put away some of the fine



food. (More pictures of the A Shift picnic will appear in the paper next week).

Heated Play Noted In Softball Loops; Sunflowers Win Two Big Contests

Heated action took the spotlight in the Y-12 Plant Softball Leagues last week at Pinewood Park. A full schedule of games was not played due to rainy weather and wet grounds, but several good tussles were staged.

The Ridgerunners, who are leading the National League, were idle as was the high flying Bombers team, who are currently in first place in the American loop.

Sunflowers Win Two

The Sunflowers, managed by Curt Ridings, trimmed Joe Delmonte and his Wildcats by 9 to 2 in a well played game. The Wildcats jumped to a one run lead in the first inning and held on to the lead until the fourth frame rolled around when the Sunflowers scored four tallies. The Sunflowers added two insurance runs in the fifth canto and sailed in with the win. McFarland, Sunflower chunker, allowed the losers just three hits and walked one man. The Sunflowers also trimmed ADP by 16 to 6 in a slugfest. The Sunflowers collected 15 hits in this game with Terry being the leading batsman by slamming two home runs, one in the third inning and one in the fourth frame with three men on base. Ellis gave up seven hits to the losers.

The Uranium Control Junior Varsity got a win last week as Morris Perry and Dick Garland combined talents to hurl a three-hitter at the Steamers and a 12 to 4 victory. UCJV took off with four runs in the second inning then added five in the fourth frame to take the victory. Bill Stanton cracked out a long home run and a double to lead UCJV at the platter.

Bums Bow To Beta Four

In the National League of Y-12 softballers, Beta Four kept on the winning trail by banging out a 9 to 5 win over the Bums, who are headed by Andy Anderson. Hawkins twirled for Beta Four while Robert Smith and Jim Turner shared mound duties for the Bums. Beta Four scored two runs in the first inning with the Bums countering with one tally, then in the third frame Beta Four came to life with four big markers and Hawkins shut the door for the rest of the ball game. Beta Four collected only six hits, but four errors by the Bums was all she wrote. Dyer led the winners by blasting out a home run and a single.

The Madcaps made their first appearance in quite some time by

winning over the Bums by 8 to 6 in a close game all the way. Hits were just about even with the Madcaps getting seven safeties and the Bums collecting eight bingles. Each team committed one error. The Madcaps got off to a good start by scoring three runs in the top of the first inning but the Bums came back strong in the bottom of the third by scoring five markers. Things rocked along pretty much even until the sixth when the Madcaps scored two clinching runs. Houser led the winners with a homer and a triple. League standings and results as of last Thursday night, July 14, follow:

AMERICAN LEAGUE STANDINGS

Team	W	L
Bombers	10	2
Dirty Niners	8	4
Sunflowers	8	5
UCJV	8	5
Rebels	7	5
Volts	4	7
Wildcats	5	9
ADP	4	9
Steamers	1	10

NATIONAL LEAGUE STANDINGS

Team	W	L
Ridgerunners	11	1
Beta Four	10	2
Beta Two	10	3
Bums	5	7
Engineers	4	7
Madcaps	3	6
D Doodies	1	9
Sparkplugs	0	7

AMERICAN LEAGUE RESULTS

Team	R	H	E
Wildcats	100 000 1—2	3	3
Sunflowers	000 423 x—9	9	2
Clevenger and Hickey	McFarland and Smith		
ADP	030 12x x—6	7	2
Sunflowers	601 81x x—16	15	3
H. Seivers and	Dukes, Ellis and Smith		
UCJV	041 502 0—12	10	0
Steamers	010 010 2—4	3	7
Perry, Garland and Little	Hillard and May		

NATIONAL LEAGUE RESULTS

Team	R	H	E
Bums	100 31x x—5	8	4
Beta Four	214 2xx x—9	6	1
Smith, Turner and Fraley	Hawkins and Osborne		
Madcaps	311 102 0—8	7	1
Bums	005 000 1—6	8	1
Jenkins and Morgan	Turner and Fraley		

DON'T MAKE IT DOUBLE

Know what to do for a drowning person if you can't swim? The Institute For Safer Diving warns, don't make it a double drowning by going in. Throw the victim a rope, try to reach him with a branch, push a board or log out to him. If you go for help, be sure to line up on the shore two sticks or four stones to get a fix on the exact spot where the person was last seen.



THE RIDGERUNNERS, WHO ARE RIDING ATOP THE STANDINGS IN THE NATIONAL LEAGUE OF Y-12 SOFTBALLERS, ARE PICTURED ABOVE. FRONT ROW FROM LEFT MANAGER ROGER CARPER, C. O. LANDRY, JIMMY W. RALSTON, JOEL M. MEREDITH, CHARLES MYERS, JOHN M. HODGE AND CHARLES CRUTCHFIELD. BACK ROW FROM LEFT THOMAS B. REED, HOYLE E. DAKE, JAMES T. HENRY, JESSIE A. LEWIS, RALPH TAYLOR, CLYDE L. WRIGHT, JAMES R. LAWLEY AND WILLIAM "BILL" HILL. PLAYERS ABSENT WHEN THE PICTURE WAS MADE INCLUDED LEONARD NANCE, GENE WARE AND G. L. HATCHER.

Next Y-12 Golf Tourney At Deane Hill On July 23

A crowd of Y-12 golfers is expected to enter the next Y-12 Golf Tournament which will be held this Saturday, July 23, at the Deane Hill Golf and Country Club in Knoxville. Tee-off time will begin at 7 a.m. with all players being off by 8:30 a.m. The Recreation Department will award a total of 21 prizes to the lucky winners in the various events of the tourney.

A hole-in-one contest will be the feature event of the tournament. The event will be staged on Hole Number Two. First, second and third places will be given to the three golfers getting nearest the cup with their drives.

All golfers entering the tournament will be divided into three divisions of play. Division I will be all players with handicaps from zero through 12. Golfers with handicaps from 13 through 22 will make up Division II. Division III will be everyone with handicaps from 23 through 36.

Prizes in Division No. 1 will be awarded first and second places in gross and net scores.

The Division No. 2 prizes will be given to the first three gross and net scores.

Prizes in Division No. 3 will be awarded to the first and second place finishers in gross and net scores.

First and second place prizes

also will be awarded to scorers who post the least number of putts on the front and back nine.

Handicaps for the tournament may be obtained from the official scorer on the morning of the tournament. Green's fee at Deane Hill is \$3.00.

Prize winners in the last Y-12 Tournament which was held at the Oak Ridge Golf and Country Club included: Nelson Tibbatts, W. C. Countiss, Jim Bartholomew, Palo O'Neal, Art Hines, Jack Spears, A. L. Sawyer, C. C. Morgan, George Mitchel, Bob Orrison, Charley Peterson, John Boyd, Jay Holzknicht, Ed Gambill, George Oliphant, Harold Duncan, Harold Ratjen, Gentry Underwood, Jack McLendon, George Ferry, J. P. McMillan and Ray Whitehorn.

Boyd-Oliphant Tops In Golf League

John Boyd and George Oliphant moved into first place in the Y-12 Plant Golf League at Oak Ridge last week by winning six big points from Jack McLendon and Gentry Underwood. Charley Peterson and Jim Patterson got on the winning trail by winning four tallies from the combination of Elmore Koons and John P. Smith. Other league action saw Art Hines and Logan Emlet split six points with Jay Holzknicht-Paddy Peckman while the duo of John Snyder-Harold Ratjen also divided six points with Bob Orrison and Harvey Saylor.

Art Hines had low gross score last week, a neat one under par, 35. Hines also won low net honors with a 31. Logan Emlet pulled a trick shot out of the bag that gave him a birdie on No. 10 hole.

The schedule for next Wednesday, July 27, pits Ratjen-Snyder vs Holzknicht-Peckman, Mitchel-Mathews vs Boyd-Oliphant, Orrison-Saylor vs Smith-Koons, Patterson-Peterson vs McLendon-Underwood.

League standing follows:

Team	W	L
Boyd-Oliphant	15	3
Snyder-Ratjen	9	3
Holzknicht-Peckman	12	6
Peterson-Patterson	4	2
Hines-Emlet	10 1/2	7 1/2
Smith-Koons	6 1/2	11 1/2
Orrison-Saylor	6	12
Mitchel-Mathews	3	9
McLendon-Underwood	0	12

Slow down at sundown.

Roane County Loop Standings Close

Team standings in the Roane County League are becoming closer as the season draws to a close. Bill Hamil and Tom Mackey are only two points out of first place according to the latest information from the Recreation Office. Arnold Tiller and Eddie Roberts remain in first place with Ed Ellis and Jim Anglin in the third spot. The latest league results show Hamil and Mackey winning two and one-half points from their opponents while the Tiller-Roberts combination managed to salvage only one tally from their opposition. Other teams winning two and one-half points were Parker-Guinn and Ellis-Anglin.

The latest league standing follows:

Team	W	L
Tiller-Roberts	23 1/2	9 1/2
Hamil-Mackey	21 1/2	11 1/2
Ellis-Anglin	19 1/2	13 1/2
Kahley-Saylor	19	14
Mee-Owings	17	16
Parker-Guinn	17	16
Cromer-Martin	10	23
Roberts-Pletz	4 1/2	28 1/2

Second Half Play Starts In Knox Loop

The Y-12 Plant Golf League at Whittle Springs in Knoxville has started play in the second half after George Heins and I. G. Speas won the first half bunting. The second half schedule allows matches to be played on any day of the week extending from Sunday through Sunday. All results of matches are to be reported to Joe Miller, who is the league secretary, Bldg. 9739, telephone 7508.

The schedule for the week of July 24 pits Burrus-Rowan against Lockhart-Peterson, Sawyer-Ludwig vs Morgan-Miller, Hunter-Schappel vs Kovach-Breman, Huskisson-Wilburn vs Bowles-Duncan.

G Shift Picnic Set For July 23

The big G Shift picnic will be held this Saturday, July 23 at Big Ridge State Park. It will be an all-day affair with everyone coming early and staying late. All employees working on the G Shift with their families and guests are invited to attend the big event. Families will bring their own lunches with the food being spread at the noon hour.

Various types of entertainment for the children as well as the adults have been planned by the G Shift Recreation Committee.

Inspectors of the H Shift and J Shift who work with G Shift employees have been invited to attend the shindig.



TWO FINE COMBINATIONS IN THE Y-12 GOLF LEAGUE AT OAK RIDGE ARE SHOWN ABOVE. FROM LEFT LAMAR MATHEWS AND GEORGE MITCHEL, WHO MAKE UP A TWO MAN TEAM IN THE LOOP. H. W. "PADDY" PECKMAN AND JAY HOLZKNICHT IS THE OTHER TOUGH TWOSOME SHOWN. PECKMAN AND HOLZKNICHT WON THE FIRST HALF CHAMPIONSHIP IN THE LEAGUE.

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Permit No. 71



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folks in Missouri . . . **R. H. Sanford** is spending his vacation in Cullman, Ala., with his parents. . . **M. O. Spencer** is taking it easy in Nashville, Tenn., with relatives. . . **J. C. Graves** is spending his leisure time with his father and mother in Memphis, Tenn. . . **C. B. Russell** and wife are proud parents of a fine baby girl, Linda Faye, who weighed nine pounds and two ounces, born July 5th at the Lake City Hospital . . . **J. A. Lewis** and family are spending their vacation in Detroit, Mich. . . **W. J. McPeters** vacationed in Wartburg at home . . . **H. E. Dake** took in the sights in Daytona . . . **J. H. Billingsley** spent some time on vacation in his house boat on Norris Lake . . . **J. T. Compton** vacationed in Tupelo, Miss. . . **J. F. Hughes** is catching up on his fishing on Norris Lake . . . Miami is the destination of **L. W. Nance**—going to do some deep sea fishing. . . **J. L. Billings** vacationed in Dayton, Ohio . . . **B. S. Dill** is vacationing in Atlanta, Georgia . . . **T. H. Morgan** and **H. Y. Rollen** are in Daytona Beach on vacation . . . **H. D. Brock** is spending his vacation at home in Knoxville waiting on the stork . . . **F. J. Wemack** is spending his vacation time in Williamsburg, Va. . . **J. D. Pattie** is in Memphis with his mother . . . **J. D. Cox** is visiting kin folks in Chattanooga . . . **W. L. Adkins** is welcomed back to work after being sick for some time . . . **W. B. Craig** has grown a true Dogpatch style "tarnip" — the vegetable measured 18 inches in circumference and is four inches deep . . . **C. J. O'Neal** had a fine trip to Texas . . . **J. A. Bradshaw** spent his vacation exploring around Oak Ridge and Knox County . . . **G. D. Ray** reports a nice vacation . . . **M. B. McCarter** and family visited in Gatlinburg recently . . . **O. C. Willard** and **E. D. Folden** have returned from a week's vacation spent at home in Knoxville . . . **W. B. Rutherford** and family are spending this week in Daytona . . . **Tim Watt** took it easy on his vacation around home in Loudon . . . **Charley Smith** is at home playing with his grandson from Nashville. . . **Ralph Ford** and family went to Alabama and Florida while on vacation . . . **Fred Harris** is back from vacation — been to Middle Tennessee and other points of interest.

MAINTENANCE

K. L. Duncan and **D. C. Lasley**, both of the Salvage Department, are on vacation this week.
Electrical reports **J. B. Henry**, **H. M. Davis**, **L. Bowers, Jr.**, **R. W. Coker**, **J. L. Kennedy**, **C. N. Crawley** and **W. H. Pool** all on vacation this week . . . **B. E. Reneau** and **G. R. Walls** vacationed last week . . . **W. R. Murphy** went to Miami. . . Get-well wishes to **M. D. Story** who is in the Oak Ridge Hospital.
W. R. Carver, Alpha Four and Five, journeyed to St. Petersburg, Fla., for a couple of weeks . . . **C. C. Crisp**, **F. E. Bean**, **W. A. Newman**, and **O. Trull** are on vacation . . . **E. L. Mapes** is in Washington, D. C., visiting his daughter.
E. W. Weaver, Beta Four Maintenance, is back to work . . . Sympathy is sent to **T. L. Monger** in the death of his brother-in-law . . . Get-well wishes to **D. F. Kirby** and to **V. R. Hubbard's** father . . . **H. B. Milhorn** is in Butler, Tenn., on vacation . . . **Charlotte Smith** is traveling on vacation to South Dakota, Denver, Colo., and to Arizona . . . **M. Duncan**, **A. P. Waugh**, **V. L. Perry**, **W. B. Daugherty**, **M. Whited** and **A. A. Stach** are on vacation . . . **V. R. Hubbard** went to Kentucky on vacation.

Get-well wishes go to **Ray Duff**, of Planning and Estimating . . . **Sarah Corum** was on vacation last week in New Orleans . . . **Gordon Fielden** was on vacation last week. . . **E. E. Johnson** and family are visiting in North Dakota with relatives . . . **Joyce Williamson** is in Florida this week . . . **John Irving**

Information On Vacations Available To Y-12 People

A vacation and tour guide service is available to all Y-12 employees. The Y-12 Recreation Department, Bldg. 9704-2, telephone 7751, can be helpful to vacationers the year round by helping to select a spot to spend leisure time or by providing information on vacation places throughout the United States. Many hundreds of vacation folders including maps, places to stay, scenic spots, recreational facilities and other valuable information can be used just for the asking.

The demand for travel information is especially heavy during the summer season. All Y-12ers who are planning on taking a vacation trip are invited to come by the Recreation Office and select the folders needed. Extra copies of the information may be taken from the office and used during the vacation trip.

Information on beaches, state parks, many historical sights and street maps of many of the larger cities are available. Neighboring states such as Florida, North Carolina, Alabama, Georgia and South Carolina furnish large numbers of vacation folders. A full supply of information about the various beaches throughout the United States always prove to be popular with many Y-12 vacationers.

Horseshoe League Action Limited

Only one match was completed in the Y-12 Horseshoe Pitching League last week due to wet grounds and agreed postponements. The Pioneers, Jim Haggard and C. W. Toney, were red hot trimming the Sliders, who are Charley Gillihan and Al Bissell, by a three-point margin.

The H & H crew of Bill Hackett and H. L. Horton remain atop the standings in the league with a record of 17 wins and only four losses.

League standing follows:

Team	W	L
H & H	17	4
Hoppers	14	4
Kickers	14	7
Pioneers	14	10
Jumpers	13	8
Sliders	13	11
Leaders	13	11
Crocketts	8	10
Toppers	6	12
Ringers	3	12
Sneakers	2	16
Catheads	2	19

UCC To Play Leading Role In "Atoms For Peace" Meeting

Continued from Page 1
papers for presentation before the assembly. Some of these will be given by scientists from Oak Ridge National Laboratory and from divisions of Union Carbide. Among the leaders of this work who will take part in the conference are: Dr. Alvin M. Weinberg, Research Director of Oak Ridge National Laboratory; Dr. Alexander Hollaender, Director, Biology Division; Dr. Karl Z. Morgan, Director, Health Physics Division; Dr. J. A. Swartout, Deputy Research Director; Dr. James A. Lane, Director, Reactor Experimental Engineering Division; and Dr. Lauchlin M. Currie and Dr. H. G. McPherson of National Carbon Company.

The United Nations staff for the

Rides Wanted, Offered

The Y-12 Bulletin is pleased to be of service to the many users of this column in aiding employees solve their transportation problems. However, because of deadline requirements, it will not be possible to accept riding requests for the column after noon on any Friday for publication the following Wednesday.

Ride Wanted Or Will Join Car Pool—From 52 Outer Drive in Oak Ridge to Central or North Portal, straight day. Jack Foresman, plant telephone 7508, home telephone 5-9928.

Riders Wanted—From Fountain City to any portal, D Shift. E. S. Jackson, plant telephone 7-8402, home telephone 5-4284, Knoxville.

Ride Wanted—From 2639 Jefferson Ave. in Knoxville to North or Central Portal, straight day. Thelma Miller, plant telephone 7512.

Ride Or Riders Wanted—From Andes St., Burlington Section in Knoxville to West Portal, A Shift. C. M. Mills, plant telephone 7639.

Riders Wanted Or Will Join Car Pool—From Loudon or Lenoir City to Central Portal, E Group. K. A. Bivens, plant telephone 7515, home telephone 2545.

Ride Wanted—From North Central Ave. in Knoxville to Central Portal, G Shift. J. R. Goins, plant telephone 7573, home telephone 2-7442, Knoxville.

Riders Wanted—From Delaware Ave. and East Tenn. Ave. in Oak Ridge to North Portal, straight day. M. E. Short, plant telephone 7351.

Ride Wanted Or Will Join Car Pool—From Spring City to any portal, F Shift. H. W. True, plant telephone 7904.

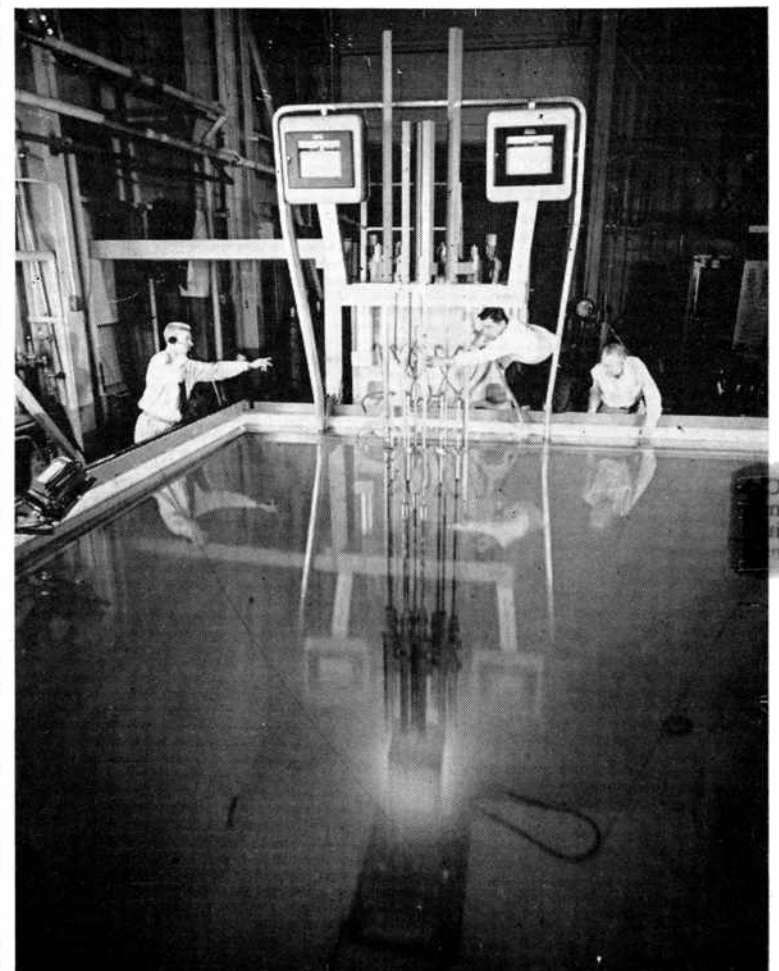
Riders Wanted—From Kingston to any portal, C Shift. T. A. Hickman, plant telephone 7417, home telephone 6261, Kingston.

Ride Wanted—From 138 Princeton Ave. in Oak Ridge to Central Portal, straight day. Bebe DeRenzis, plant telephone 7428, home telephone 5-4466.

FIRST AID IS URGED

At least one member of every vacationing family should know basic first aid, says the Institute For Safer Living. Far removed from medical help, knowing resuscitation, treatment for burns, how to dress a wound or set a broken bone, what to do for snake or insect bites or poisons, proper treatment for sunstroke or heat prostration is important to the vacation safety of all members of the family.

"Atoms for Peace" Conference includes Oak Ridge National Laboratory Assistant Research Director, Dr. R. A. Charpie. He is acting as assistant to Dr. Walter Whitman who is in charge of this activity for the United Nations General Secretariat.



SHOWN ABOVE IS THE "SWIMMING-POOL" REACTOR FOR THE "Atoms For Peace" Conference under test at the Oak Ridge National Laboratory before being shipped to Geneva.

Y-12 Pistoleers Continue Firing

Team No. 2 in the Y-12 Plant Pistol League moved to undisputed first place in the loop after firing recently at the Oak Ridge Sportsmen's Association range. The new leaders won both scratch and handicap firing from Team No. 4 by 515 to 497 scratch and 578.241 to 577.328 handicap. Team No. 3 topped Team No. 1 by a scratch score of 522 to 501 and 579.281 to 577.006 handicap.

John Ezell, of Team No. 3, posted a 274 scratch and 291.345 with handicap to lead all shooters. T. J. Bush topped Team No. 1 with 259 scratch and 288.623 with handicap. P. H. Williams was high scratch scorer on Team No. 2 with 265 while M. L. Woodard was high handicap man with 290.445. On Team No. 4 D. R. Alford posted the high scratch scoring with 257 while J. H. Rowan led the handicap men with 289.260.

Y-12 and the Oak Ridge National Laboratory are tied for first place in the inter-plant league.

The Y-12ers will fire again on Thursday, July 21, at the Oak Ridge Sportsmen's Association range.

League standings follow:

Team	W	L
Team No. 2	7	3
Team No. 3	6	4
Team No. 4	4	6
Team No. 1	3	7

SUN EFFECTS DIFFER

Knowing the difference between heat prostration and sunstroke is important life-saving information for vacationists, advises the Institute For Safer Living. In heat prostration, the body is cold, clammy and bluish-pale. Treatment is to bring body temperature up to normal, so warmth is required. In sunstroke, the body is dry, hot and red—the treatment is to bring the body temperature down to normal by cooling devices such as shade, fanning and cool water.

has returned to work after illness.

C. R. Eichelberger, Process Maintenance, and family are visiting relatives in St. Louis, Mo. . . **J. J. Holzknecht** and family are in Michigan while on vacation . . . **L. E. Brown** and **H. V. Craft** are vacationing . . . **C. J. Beckett** and **W. T. Jenkins** are on the ailing list.

Three Tilts Played In Tennis Ladder

Action in the Y-12 Women's Singles Tennis Ladder was fast and furious last week as three fine matches were played. Mary Cusman moved up to second place on the ladder by defeating Ruby O'Kain by 6-2, 3-6, 6-3. Nell McGinnis repulsed the challenge of Lois Secrist by 6-1, 6-1 while Sue Strange trimmed June Sherrill by 6-1, 6-1.

The ladder will welcome any newcomers who would like to join the group. A telephone call to the Y-12 Recreation Office, telephone 7751 or to Sue Strange, Bldg. 9212, telephone 7-8487 is all that is necessary to join the ladder.

The latest ladder standings follow:

1. Elizabeth Patrick
2. Mary Cusman
3. Ruby O'Kain
4. Nell McGinnis
5. Lois Secrist
6. Helen Brown
7. Sue Strange
8. Frankie Dubose
9. June Sherrill
10. Helen Gombita



Question: Is there an advantage to financing an automobile through my own CREDIT UNION?

Answer: You not only avoid paying fees and hidden charges, but besides a low rate of interest, your loan is insured in that if you die or are disabled, your loan is automatically paid up and your family is left without obligation. This feature applies to all loans.

Discontent is the first step in the progress of a man or a nation—Oscar Wilde.